IN 1915

# OHIO ADJUSTABLE PLANES

Extra Heavy
Specially
Constructed
Cutters

Prevent Chattering

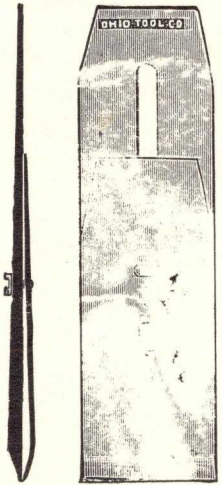
Best Quality
Guaranteed

The
Mark
of
Quality

WE ALSO MANUFACTURE A FULL LINE OF HIGH GRADE

Chisels, Drawing Knives, Auger Bits, Wood Planes, Work Benches, Bench and Hand Screws, Cement Workers' Tools, Etc.

**OHIO TOOL COMPANY, CHARLESTON W. VA., U. S. A.**




## THE CUTTERS

in "Ohio" Iron and Wood Bottom Bench Planes are made EXTRA HEAVY AT THE CUTTING END where weight is needed, tapering gradually toward the top of the iron. This absolutely prevents chattering and trembling when the planes are used on hard or knotty timber.

## OTHER DETAILS

Particular attention is paid to the faces of our planes to have them as ABSOLUTELY TRUE as the most improved machinery and skilled workmen can make them.

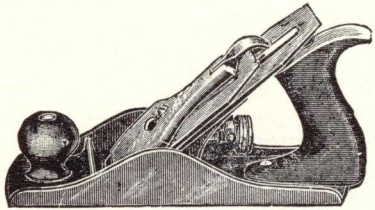
All adjustments are made carefully and thoroughly inspected before planes leave the factory. Every detail, no matter how small, receives the most careful attention.

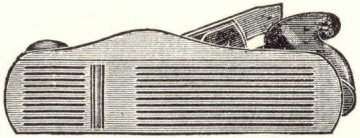
# ADJUSTABLE IRON PLANES

Lateral and longitudinal adjustments. Well made throughout, finely finished. *Bits work equal.y well in hard and soft timber, and do not tremble in knots or hard places.* Iron planes fnrnished with smooth or corrugated bottoms as ordered. *Unless order specifies otherwise, smooth bottoms are sent.* Packed one in a box.

OHIO TOOL COMPANY · OHIO · CHARLESTON, W.VA. U.S.A. · TRADE MARK

Registered





CORRUGATED BOTTOM

## HANDLED SMOOTHS

### PLAIN BOTTOM

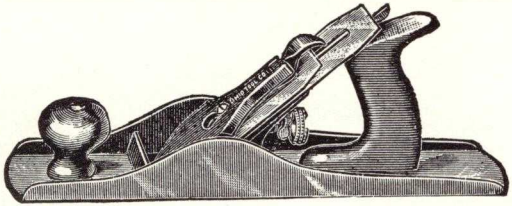
| Invoice Nos. | Length Inches | Cutter Inches |
|---|---|---|
| 01 | 5½ | 1¼ |
| 02 | 7 | 1⅝ |
| 03 | 8 | 1¾ |
| 04 | 9 | 2 |
| 04¼ | 9½ | 2¼ |
| 04½ | 10 | 2⅜ |

### CORRUGATED BOTTOM

| Invoice Nos. | Length Inches | Cutter Inches |
|---|---|---|
| 02c | 7 | 1⅝ |
| 03c | 8 | 1¾ |
| 04c | 9 | 2 |
| 04¼c | 9½ | 2¼ |
| 04½c | 10 | 2⅜ |

# ADJUSTABLE IRON PLANES — Cont'd

Registered



## JACKS

| PLAIN BOTTOM | | | CORRUGATED BOTTOM | | |
|---|---|---|---|---|---|
| Invoice Nos. | Length Inches | Cutter Inches | Invoice Nos. | Length Inches | Cutter Inches |
| 05 | 14 | 2 | 05c | 14 | 2 |
| 05¼ | 14 | 2 1/8 | 05¼c | 14 | 2 1/8 |
| 05½ | 15 | 2 1/4 | 05½c | 15 | 2 1/4 |
| 05¾ | 15 | 2 3/8 | 05¾c | 15 | 2 5/8 |

## FORES

| | | | | | |
|---|---|---|---|---|---|
| 06 | 18 | 2 3/8 | 06c | 18 | 2 3/8 |

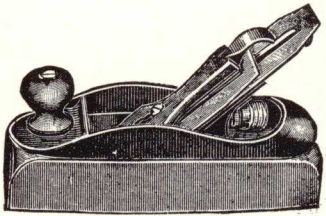
## JOINTERS

| | | | | | |
|---|---|---|---|---|---|
| 07 | 22 | 2 3/8 | 07c | 22 | 2 3/8 |
| 08 | 24 | 2 5/8 | 08c | 24 | 2 5/8 |

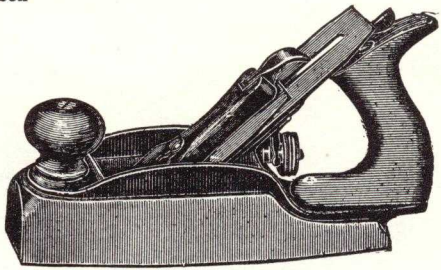
# ADJUSTABLE WOOD BOTTOM PLANES

**Packed one in a box**

Registered



No. 024



No. 035

## SMOOTHS

| Invoice Nos. | Length Inches | Cutter Inches |
|---|---|---|
| 021 | 7 | 1¾ |
| 022 | 8 | 1¾ |
| 023 | 9 | 1¾ |
| 024 | 8 | 2 |

## BLOCK PLANE

| | | |
|---|---|---|
| 025 | 9½ | 1¾ |

## HANDLED SMOOTHS

| Invoice Nos. | Length Inches | Cutter Inches |
|---|---|---|
| 035 | 9 | 2 |
| 036 | 10 | 2⅜ |

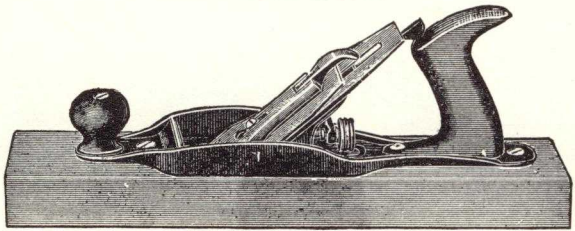
## JENNY SMOOTH

| | | |
|---|---|---|
| 037 | 13 | 2⅝ |

Registered

# ADJUSTABLE WOOD BOTTOM PLANES — Cont'd

**Packed one in a box**



## JACKS

| Invoice Nos. | Length Inches | Cutter Inches |
|---|---|---|
| 026 | 15 | 2 |
| 027 | 15 | 2 1/8 |
| 027 1/2 | 15 | 2 1/4 |

## FORES

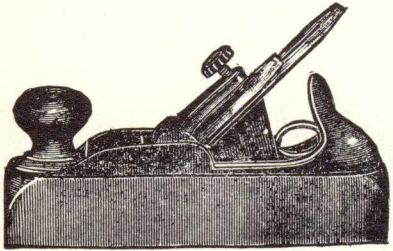
| Invoice Nos. | Length Inches | Cutter Inches |
|---|---|---|
| 028 | 18 | 2 3/8 |
| 029 | 20 | 2 3/8 |

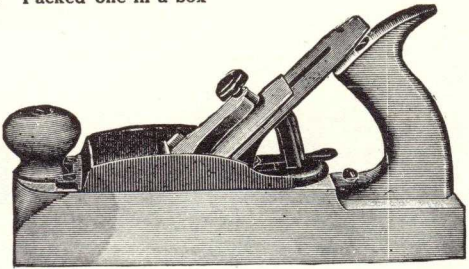
## JOINTERS

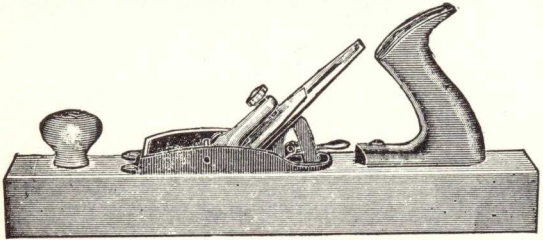
| Invoice Nos. | Length Inches | Cutter Inches |
|---|---|---|
| 030 | 22 | 2 3/8 |
| 031 | 24 | 2 3/8 |
| 032 | 26 | 2 5/8 |
| 033 | 28 | 2 5/8 |
| 034 | 30 | 2 5/8 |

# ADJUSTABLE WOOD BOTTOM PLANES

**Lever Adjustment. Packed one in a box**







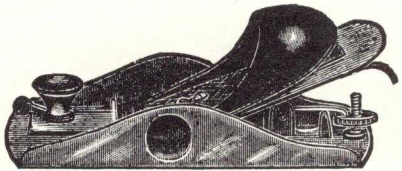
Registered

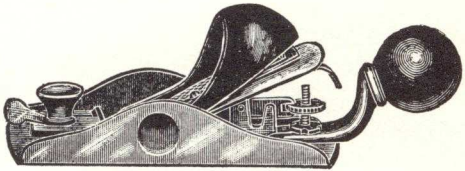
| Invoice Nos. | Length Inches | Cutter Inches |
|---|---|---|
| | SMOOTH | |
| 0122 | 8 | 1¾ |
| | HANDLED SMOOTH | |
| 0135 | 10 | 2⅛ |
| | JACK | |
| 0127 | 15 | 2⅛ |
| | FORE | |
| 0129 | 20 | 2⅜ |
| | JOINTER | |
| 0132 | 26 | 2⅝ |

# BLOCK PLANES

**Packed one in a box**

Registered





No. 09½. Lateral and longitudinal adjustment, 6 inches in length, 1⅝ inch cutter.

No. 015. Lateral and longitudinal adjustment, 7 inches in length, 1⅝ inch cutter.

No. 09⅝. Lateral and longitudinal adjustment, nickel trimmings, 6 inches in length, 1⅝ inch cutter.

No. 015⅝. Lateral and longitudinal adjustment, nickel trimmings, 7 inches in length, 1⅝ inch cutter.

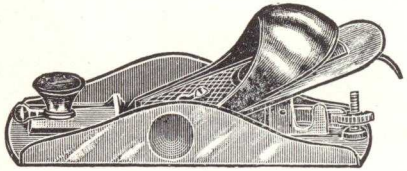
No. 09¾. Lateral and longitudinal adjustment, rosewood handle, 6 inches in length, 1⅝ inch cutter.

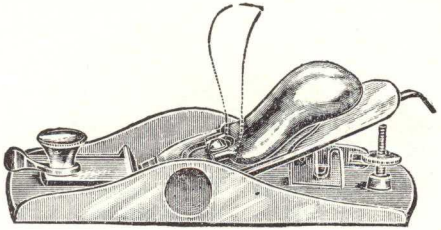
No. 015½. Lateral and longitudinal adjustment, rosewood handle, 7 inches in length, 1⅝ inch cutter.

# BLOCK PLANES

**Packed one in a box**

Registered





No. 016. Lateral and longitudinal adjustment, nickel trimmings, 6 inches in length, $1\frac{5}{8}$ inch cutter.

No. 017. Lateral and longitudinal adjustment, nickel trimmings, 7 inches in length, $1\frac{5}{8}$ inch cutter.

## KNUCKLE JOINT

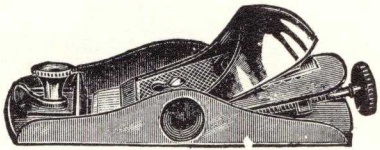
No. 018. Lateral and longitudinal adjustment, nickel trimmings, 6 inches in length, $1\frac{5}{8}$ inch cutter.

No. 019. Lateral and longitudinal adjustment, nickel trimmings, 7 inches in length, $1\frac{5}{8}$ inch cutter.

# BLOCK PLANES — Cont'd

**Packed one in a box**

Registered



LOW ANGLE

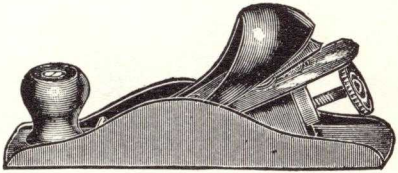
Lateral and Longitudinal Adjustments.

No. 060½. 6 inches in length, 1⅜ inch cutter.

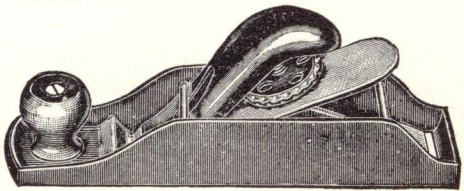
No. 065½. 7 inches in length, 1⅝ inch cutter.

No. 060. Nickel trimmings, 6 inches in length, 1⅜ inch cutter.

No. 065. Nickel trimmings, 7 inches in length, 1⅝ inch cutter.



No. 0220. Adjustable, 7½ inches in length, 1⅝ inch cutter.



No. 0130. Double-Ender, 8 inches in length, 1⅝ inch cutter.

# BLOCK PLANES — Cont'd

**Packed one in a box**

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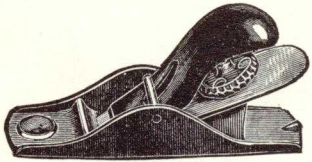
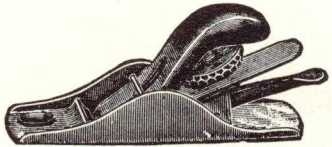
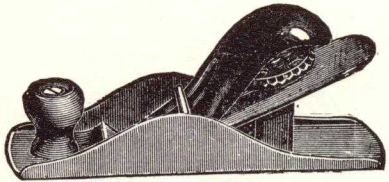


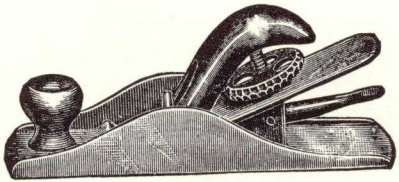
No. 0102. Not Adjustable, 5½ inches in length, 1¼ inch cutter.



No. 0103. Adjustable, 5½ inches in length, 1¼ inch cutter.



No. 0110. Not Adjustable, 7½ inches in length, 1⅝ inch cutter.

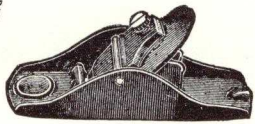


No. 0120. Adjustable, 7½ inches in length, 1⅝ inch cutter.

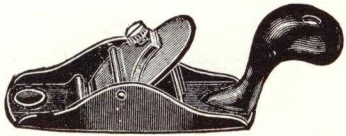
# BLOCK PLANES — Cont'd

**Packed one in a box**

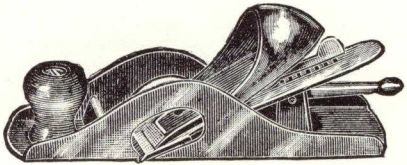
Registered



No. 0101. Not Adjustable, 3½ inches in length, 1 inch cutter.

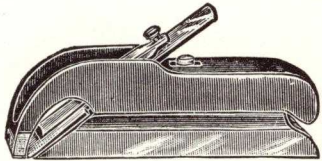


No. 0100. Not Adjustable, handled, 3½ inches in length, 1 inch cutter.



RABBET AND BLOCK PLANE

No. 0140. Adjustable, 7 inches in length, 1⅞ inch cutter.



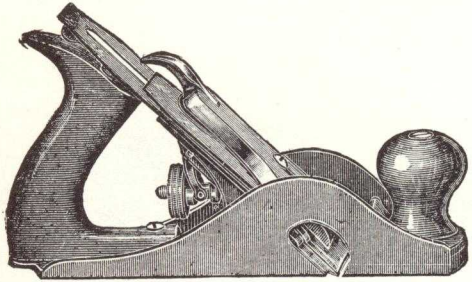
BULL-NOSE RABBET PLANE

No. 075. Iron Stock, 4 inches in length, 1 inch cutter.

# OHIO PLANES

**Packed one in a box**

Registered



## CARRIAGE MAKERS' RABBET PLANES

Plain Bottom

No. 010½. 9 inches in length, 2⅛ inch cutter.
No. 010. 13 inches in length, 2⅛ inch cutter.

Corrugated Bottom

No. 010½C. 9 inches in length, 2⅛ inch cutter.
No. 010C. 13 inches in length, 2⅛ inch cutter.

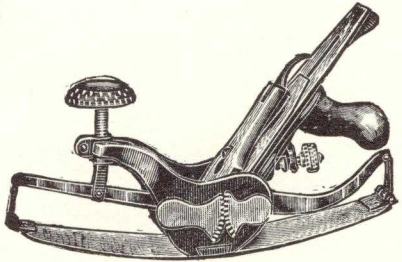
## OHIO CAR BEADING PLANE

No. 068. Ohio Car Beading Plane, made from beechwood, with low angle bit and steel face.

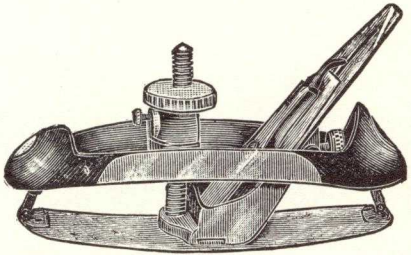
# ADJUSTABLE CIRCULAR PLANES

**Packed one in a box**

Registered

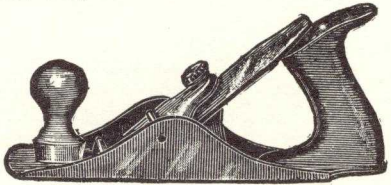


No. 0113. Adjustable Circular Plane, $1\frac{3}{4}$ inch cutter.



No. 020. Adjustable Circular Plane, nickel plated, $1\frac{3}{4}$ inch cutter.

No. $020\frac{1}{2}$. Adjustable Circular Plane, $1\frac{3}{4}$ inch cutter.



No. 040

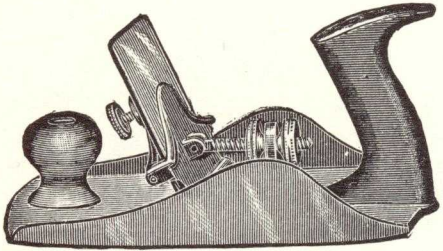
## IMPROVED SCRUB PLANE

No. 040. Iron Stock, $9\frac{1}{2}$ inches in length, $1\frac{1}{4}$ inch cutter.

# OHIO PLANES

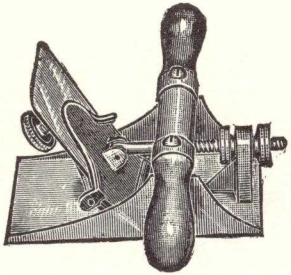
**Packed one in a box**

Registered



ADJUSTABLE SCRAPER PLANE

**No. 0112.** Adjustable Scraper Plane, 9 inches in length, 3 inch cutter.



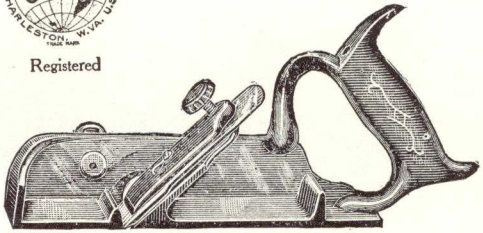
ADJUSTABLE VENEER SCRAPER

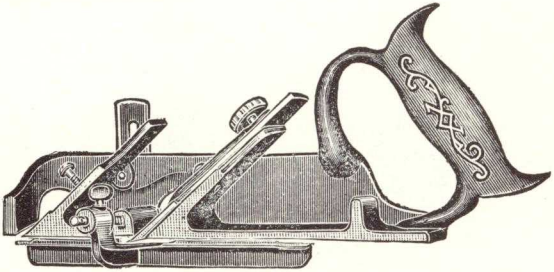
No. 012. Adjustable Veneer Scraper, 3 inch cutter.

# OHIO PLANES

**Packed one in a box**

Registered





## IMPROVED RABBET PLANES

| Invoice Nos. | Length Inches | Cutter Inches |
|---|---|---|
| 0180 | 8 | 1½ |
| 0181 | 8 | 1¼ |
| 0182 | 8 | 1 |
| **WITH SPUR** | | |
| 0190 | 8 | 1½ |
| 0191 | 8 | 1¼ |
| 0192 | 8 | 1 |

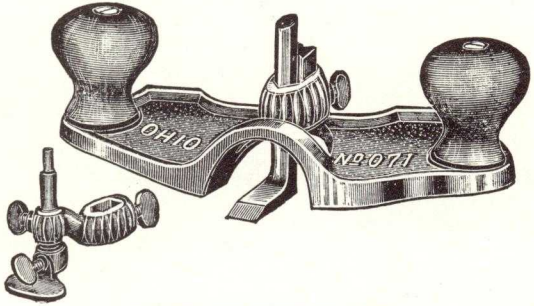
## RABBET AND FILLETSTER

This Plane is fitted with a reversible arm, and can be used as either a right or left hand Filletster. Two seats are provided for the cutter, and the plane may be used as a Bull-Nose Rabbet by using the forward seat.

No. 078. Iron Stock and Fence, 8½ inches in length, 1½ inch cutter.

# OHIO PLANES

**Packed one in a box**




OHIO TOOL COMPANY
OHIO
CHARLESTON, W. VA. U.S.A.
TRADE MARK

Registered

## OHIO ROUTER PLANE

A very useful tool for the woodworker. Adapted to smooth the bottoms of grooves, panels, etc.

The bits may also be clamped to the back side of the upright post and outside of the stock. In this position they will reach into corners, router out mortises or smooth surfaces hard to reach with other tools.

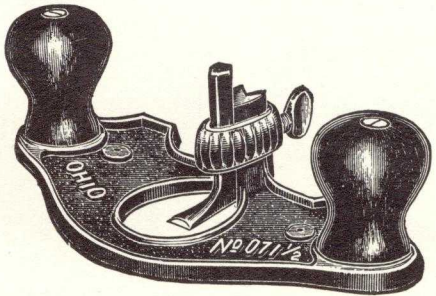
The small attachment shown in cut is furnished with each plane, and may be substituted for the collar that holds the cutter when the work requires a plane with a closed throat.

Invoice No. 071. Nickel plated Stock, with steel bits each $\frac{1}{4}$ and $\frac{1}{2}$ inch.

# OHIO PLANES

**Packed one in a box**

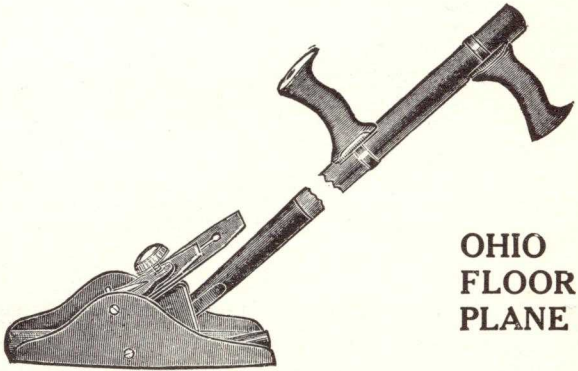
Registered




OHIO ROUTER PLANE

With Closed Throat

No. 071½. Nickel Plated Stock, with steel bits each ¼ and ½ inch.



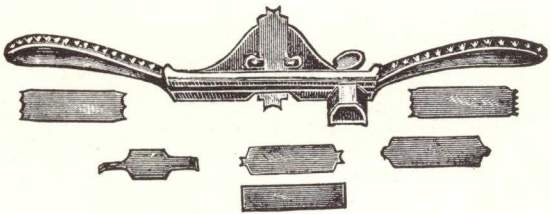
**OHIO FLOOR PLANE**

No. 074. Floor Plane, 10½ inches in length, 2⅝ inch cutter, full length of handle 45 inches. Weight of Plane about 10 lbs.

# OHIO HAND BEADER

**Packed one in a box**

Registered



No. 066. Nickel Plated Stock, with seven Steel Cutters.

NOTE. Each tool furnished with seven Steel Cutters, both ends being sharpened. This will include six ordinary sizes of Beads, four sets of Reeds, two Fluters, and a double Router Iron (⅛ and ¼ inch.)

Registered

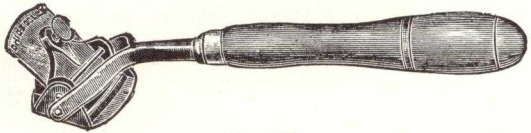
# OHIO CABINET SCRAPER

No. 080

No. 080. Cabinet Scraper, raised handle, 11 inches in length, 2¾ inch blade.

The thumb screw shown in cut, permits the blade to be sprung to a slight curve.

# OHIO ADJUSTABLE BOX SCRAPER



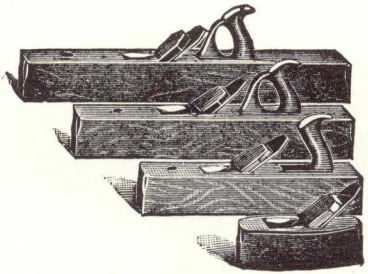
No. 070

No. 070. Adjustable Box Scraper, malleable iron, 2 inch cutter.

# WOOD BENCH AND FANCY PLANES

Registered

Our Wood Planes are correctly made from thoroughly seasoned beechwood. The steel in all of the bits is of a superior quality and all bits are fully warranted. We manufacture a complete line of all wood bench and fancy planes.



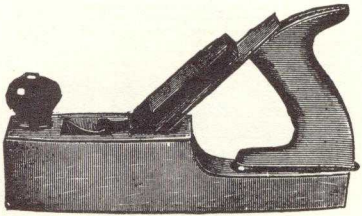
Registered

# "IMPROVED" AND "UNXLD" PLANES

**Packed one in a box**

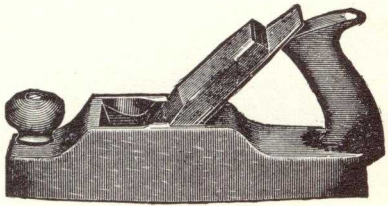
These Planes are made from selected beechwood, and given a fine shellac finish.

The wooden wedge, nicely fitted, which many mechanics prefer to the iron holder, is used. They are made and faced with great care, and put in perfect working order before leaving the factory.



"Unxld" Handled Smooth Plane

The bits are made from a superior quality of steel, and fully warranted; sharpened and whetted ready for use.



"Improved" Handled Smooth Plane

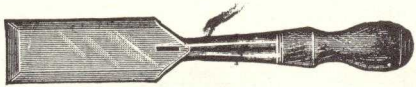
# OHIO CHISELS

Are made from a

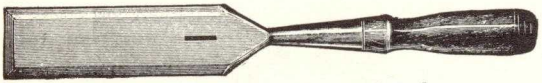
HIGH GRADE OF TOOL STEEL,
SKILLFULLY TREATED,
PERFECTLY FACED,
ACCURATELY GROUND,
FINELY FINISHED.

Registered

We manufacture a complete and up-to-date line of Socket Framing Chisels, Socket Firmer Chisels, Socket Corner Chisels, Carpenters' Slicks, Socket Butt Chisels and Socket Firmer Gouges. Also a line of Tanged Chisels, Gouges and Turning Tools.



Bevel Edge Butt Socket Firmer Chisel



Bevel Edge Socket Firmer Chisel

**EVERY OHIO TOOL WARRANTED**

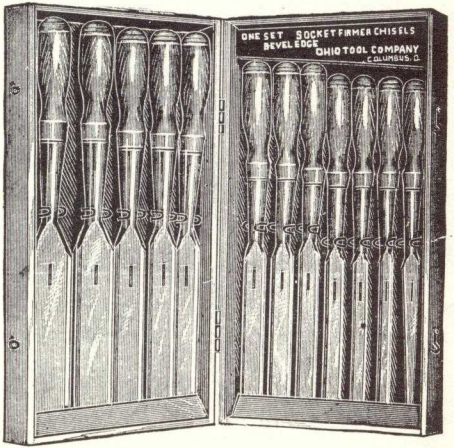
# OHIO CHISELS IN SETS

Registered

We list a large line of Chisel Sets, similar to set shown in cut.

These are furnished in handsome hardwood boxes, each chisel being held in its place by a clasp. In placing these sets on the market, we endeavored to select something handsome and at the same time serviceable for the carpenter and cabinet maker.

These are furnished in sets of six and twelve, and in either the regular length or Butt Chisels.

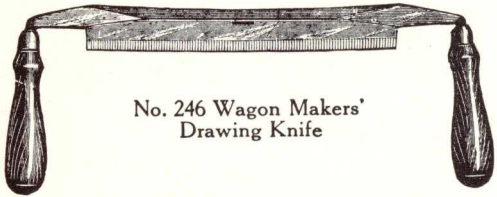



No. 500

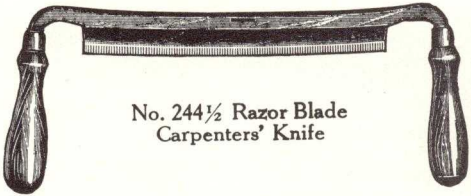
# OHIO DRAWING KNIVES

Are correct in hang, style and temper, and made from a high grade of tool steel, skillfully treated by expert workmen.

Registered



No. 246 Wagon Makers' Drawing Knife



No. 244½ Razor Blade Carpenters' Knife

We show two popular styles, but manufacture a large line of Drawing Knives for other uses.

**EVERY TOOL WARRANTED**

# BAILEY AUGER BITS

Registered

**Their Special Features:**

**DURABILITY, PERFECT CLEARANCE,
EASY CUTTING, RAPID BORING.**

No. 520

## THE PECULIAR CONSTRUCTION OF BAILEY BITS

gives them advantages over the ordinary twist, in that while all the cutting qualities are retained by leaving the head undisturbed one-half of the twist is left out, making them single spiral, thus forming a large receptacle for the chips, removing the friction from the wall of the hole, and allowing the chips to pass up and out entirely free, which obviates the necessity of frequently withdrawing the bit to clear the hole.

**A High Grade of Steel** is used in them. Each bit is forged from the bar into shape between dies by trip-hammer, which process makes the grain of the steel finer and tougher, thus insuring a better tool than can be made by the old process of twisting.

**They are Carefully Made** throughout; well-finished; each bit being closely inspected before leaving the factory, thus reducing to the minimum the chances of any but perfect bits getting out.

# "OHIO EXTRA" SINGLE TWIST AUGER BIT

No. 515

Registered

To meet the demand for **a high grade single twist bit** with **a single cutter,** that will bore **absolutely straight** and **easily,** we are placing on the market our No. 515 "Ohio Extra" bit as shown above.

## CONSTRUCTION

They are made from a high grade of steel, forged from the bar between dies by trip-hammer. The style of twist we have adopted, as shown above, makes a very strong bit, and eliminating a great deal of the stock in the center gives an exceptional amount of clearance.

## HEAD

We also illustrate separately the head we use on our "Ohio Extra" bit to show the details that make this the **Most Easy Cutting, Rapid Boring** and **Perfect Clearing Bit** on the market.

Registered

# "OHIO" EXPANSIVE BITS

No. 511

These Bits are carefully made from high grade materials and are fully warranted.

No. 510. Small size, furnished with cutters Nos. 1 and 2, cutting from $\frac{5}{8}$ to $1\frac{3}{4}$ inch hole; length over all 8 inches.

No. 511. Large size, furnished with cutters Nos. 3 and 4, cutting from $\frac{7}{8}$ to 3 inch hole; length over all $9\frac{3}{4}$ inches.

**Packed one in a box**

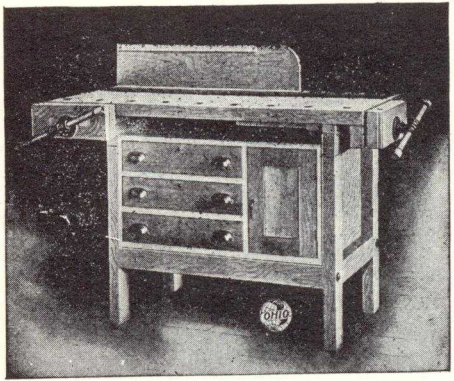
## EXTRA CUTTERS

| Nos. | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cut from, inches | $\frac{5}{8}$ to $1\frac{1}{8}$ | $1\frac{1}{8}$ to $1\frac{3}{4}$ | $\frac{7}{8}$ to $1\frac{5}{8}$ | $1\frac{3}{4}$ to 3 | 3 to |

**Packed one-half dozen in a box**

# MANUAL TRAINING BENCHES

Registered



No. 167

We illustrate our No. 167 Bench with Cabinet for tools.

**SIZE:** Length 4 feet, exclusive of vises. Width 20 inches. Height 32 inches.

**TOP:** Glued up Maple top 1¾ inches in thickness, and 13 inches wide, back of which is a 7 inch well or recess for tools.

**LEGS:** Legs are of Maple, size 1¾ x 3 inches

**BENCH SCREWS:** Fitted with "Ohio" Iron Bench Screws 1 inch in diameter, in both the front and tail vises.

**CABINET:** The Cabinet contains three drawers and cupboard. Drawers are 19 in. long, 18½ in. wide and 4 in. deep, all fitted with goods locks. The cupboard is also fitted with a lock, and measures 10x14x18½ in.

**FINISH:** Top of bench is oil finished and the remainder is varnished. We also furnish this bench without the cabinet.

**CABINET MAKERS' BENCHES:** We also manufacture a line of these heavier benches, from 5 to 7 feet in length. See our regular Catalogue for complete description sizes.

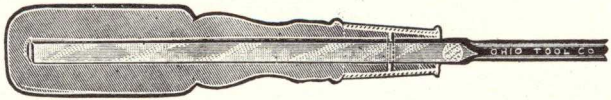
Registered

# "OHIO" SCREW DRIVERS

**BEST QUALITY—WARRANTED**

No. 422

These Screw Drivers are made from high grade steel, carefully forged and tempered, and finely finished. Handles are attractively finished in dark mahogany.




CONSTRUCTION: This illustration shows the construction of the blade and handle in "Ohio" Screw Drivers. The square shank or portion of the blade enters a *square hole* in the heavy steel ferrule and is driven into the handle to within one inch of the end; a rivet through the ferrule, handle and shank further strengthens it, making a handle that will not loosen, no matter how hard it is used.

For complete list, see our regular catalogue.

## OUR OTHER LINES

Registered

**Wood Hand and Bench Screws**

These goods are made from first quality thoroughly seasoned timber, guaranteed to give satisfaction.

**Iron Bench Screws**

Correctly made from best materials. Regular goods are fitted with handles made from first quality tough hickory, with knob on one end solid and nut at other end to screw on and off. This is an exclusive feature with the "Ohio" Iron Bench Screws.

**Spoke Shaves**

We manufacture a large line of spoke shaves suitable for all purposes.

**Cement Workers' Tools**

A complete line of these, see our catalogue.

**Cold Chisels, Cape Chisels, Etc.**

Carefully manufactured from a special grade of steel.
Our complete catalogue sent on request.

**EVERY "OHIO" TOOL WARRANTED**

"Ohio" Tools are the product of nearly a century of active experience and progress in the edge tool business.

Every "Ohio" Tool is covered by a broad guarantee.